

What is claimed is:

Independents 1

1. An arrangement for selecting a determinable one of a plurality of placards, the arrangement comprising:

an input arrangement for facilitating entry of first material data corresponding to a first material;

a classifications memory for storing classification data corresponding to a plurality of hazzard classifications;

an exceptions memory for storing exceptions data corresponding to a plurality of exceptions to the hazzard classifications, at least one of the exceptions being selected in response to the input arrangement;

a general rules memory for storing general rules data corresponding to the plurality of placards; and

a processor for selecting the determinable one of the plurality of placards in response to said input arrangement, said classifications memory, said exceptions memory, and said general rules memory.

2. The arrangement of claim 68, wherein said classification data contains data corresponding to classifications that are selected from the group of classifications comprising:

- a. non-transportable transportable materials class;
- b. transportable explosives class;
- c. transportable gases class;
- d. transportable inhalation hazards class;
- e. transportable flammable liquids class;

- f. transportable flammable solids class;
- g. transportable organic oxidizers class;
- h. transportable organic peroxides class;
- i. transportable poisons class;
- j. transportable radioactive hazards class;
- k. transportable combustible hazards class;
- l. transportable miscellaneous hazards class;
- m. transportable reactive hazards class;
- n. transportable infectious hazards class;
- o. transportable "dangerous when wet" class;
- p. transportable "do not shake" class;
- q. transportable perishable class;
- r. transportable corrosives class; and
- s. transportable non-hazards class.

3. The arrangement of claim 68, wherein said classification data contains data corresponding to classifications that are selected from the group of classifications comprising:

- a. non-storable storable materials class;
- b. storable explosives class;
- c. storable gases class;
- d. storable inhalation hazards class;
- e. storable flammable liquids class;
- f. storable flammable solids class;
- g. storable organic oxidizers class;

- h. storable organic peroxides class;
- i. storable poisons class;
- j. storable radioactive hazards class;
- k. storable combustible hazards class;
- l. storable miscellaneous hazards class;
- m. storable reactive hazards class;
- n. storable infectious hazards class;
- o. storable "dangerous when wet" class;
- p. storable "do not shake" class;
- q. transportable perishable class;
- r. transportable corrosives class; and
- s. transportable non-hazards class.

4. The arrangement of claim 68, wherein said input arrangement facilitates entry of temperature data corresponding to a temperature characteristic of the first material.

5. The arrangement of claim 68, wherein said classification data contains temperature data corresponding to a temperature characteristic of the first material.

6. The arrangement of claim 68, wherein said input arrangement facilitates entry of weight data corresponding to a weight characteristic of the first material.

7. The arrangement of claim 71, wherein said processor is arranged to convert the weight data between first and second weight systems.

8. The arrangement of claim 68, wherein said input arrangement facilitates entry of second material data corresponding to a second material.

9. The arrangement of claim 73, wherein there is further provided a segregation memory for storing segregation data corresponding to a predetermined minimum spatial relationship between the first and second materials.